



Commander (dpb)
First Coast Guard District
1 South Street
Battery Park Building
New York, NY 10004-1466

March 7, 2013

PUBLIC NOTICE 1-121

Subject: PROPOSED REPLACEMENT OF THE CENTRAL BRIDGE No. 182 AT
BARRINGTON, BRISTOL COUNTY, RHODE ISLAND

All interested parties are notified that the Commander, First Coast Guard District, has received an application from the Rhode Island Department of Transportation (RIDOT) for approval of the location and plans for replacement of a highway bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: - Barrington River, approximately 1.9 miles above the mouth of the waterway.

CHARACTER OF WORK: The character of the work is to replace the structurally deficient bridge, which carries Massasoit Avenue over the Barrington River. The new 5-span bridge will be located on a new alignment shifted slightly to the north of the existing bridge. The proposed bridge will be approximately 321 feet in length between abutments and 57 feet wide out-to-out. The new bridge width will accommodate three 11-foot traffic lanes, two 5-foot shoulders and two 5.5-foot sidewalks. Approximately 1261 feet of combined roadway approach work will be required on both sides of the bridge. All parts of the existing bridge will be removed in their entirety with the exception of pier piles which may be removed to 2-feet below the bottom of the waterway. The bridge project will be conducted in two phases allowing two-way vehicular traffic and one pedestrian sidewalk to be maintained during construction.

MINIMUM NAVIGATIONAL CLEARANCES:

	<u>Existing</u>	<u>Proposed</u>
Horizontal: (normal to axis of the channel)	34.5 feet	64 feet
Vertical: (above MHW)	6.3 feet	8 feet

ENVIRONMENTAL CONSIDERATION:

The Federal Highway Administration (FHWA) is the lead federal agency for satisfying the requirements of The National Environmental Policy Act (NEPA). This project has been classified as a categorical exclusion under regulations implementing NEPA because it involves a bridge replacement on essentially the same alignment.

The project is considered an encroachment, but not a significant encroachment on the 100-year floodplain. This encroachment should improve existing conditions in that the navigational clearances will be increased. The 100-year flood elevation is +9.16 feet (NAVD88).

Water Quality Certification from the Rhode Island Department of Environmental Management-Office of Water Resources (RIDEM), in accordance with Section 401 of the Clean Water Act, as amended, certifying that reasonable assurance has been furnished that the project will be conducted in compliance with water quality standards of the State of Rhode Island was granted on January 11, 2013.

The applicant has certified that the proposed project is consistent with the Rhode Island Coastal Zone Management Plan. The Coastal Resources Management Council has not yet concurred with the certification.

There are tidal and freshwater wetlands in the project vicinity. Army Corps of Engineers (ACOE) Permit #NAE-2011-127 authorizes approximately 12,230 square feet of fill consisting of side-slopes and rip-rap to be placed in the vicinity of the new bridge abutments and approaches. In addition, associated with this bridge replacement project would be impacts of approximately 1770, 665 and 190 square feet, respectively, to salt marsh, phragmites and freshwater wetlands. RIDOT is coordinating mitigation efforts for these impacts with the ACOE and RIDEM.

The County Road Historic District and the John Martin House, both candidates for listing in the State Register of Historic Places (SR) are located in the vicinity of the bridge; however, no adverse impacts to cultural resources are anticipated.

The proposed project is in an area of non-attainment for ozone and in an area of attainment for all other criteria pollutants pursuant to the Clean Air Act of 1990, as

amended (CAA). The project is listed on the Transportation Improvement Program (TIP) for Rhode Island and therefore preparation of a formal Transportation Conformity Determination under the CAA does not apply. Air emissions from anticipated construction equipment will be investigated and emissions commensurate with “green” construction methodologies will be required.

The applicant and their consultants have completed Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act with the National Marine Fisheries Service (NMFS) regarding protection of habitat resources. The final determination relative to project impacts and the need for mitigation measures will result from this coordination with NMFS.

Based upon environmental documentation submitted for this project, it appears that the proposed bridge project will have no adverse environmental justice impacts upon minority and low-income populations. Factual information and data contrary to this no adverse impact position should be submitted in response to this notice.

The decision as to whether to grant approval of the location and plans for the proposed action rests primarily on the effect it has on navigation. We will forward comments of an environmental nature such as those regarding wildlife refuges, water fowl refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, etc. to the Federal Highway Administration for appropriate handling.

SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed bridge modification and other navigational safety issues, including the need for clearance gauges and extent of nighttime navigation passing the bridge. Boat owners in the project vicinity are requested to provide information about their vessels including type of vessel, length overall, draft, beam, and height from the waterline to the highest fixed point and to appurtenant structures (e.g. tuna towers, flying bridges, fixed antennas and radar units).

Interested parties are requested to express their views in writing on the proposed bridge project, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed work. Comments will be received at the office of the Commander (dpb), First Coast Guard District, Battery Park Building, 1 South Street, New York, NY 10004-1466 through April 8, 2013.

It is requested that this information be brought to the attention of any person having an interest in this who may not have received a copy of this public notice.

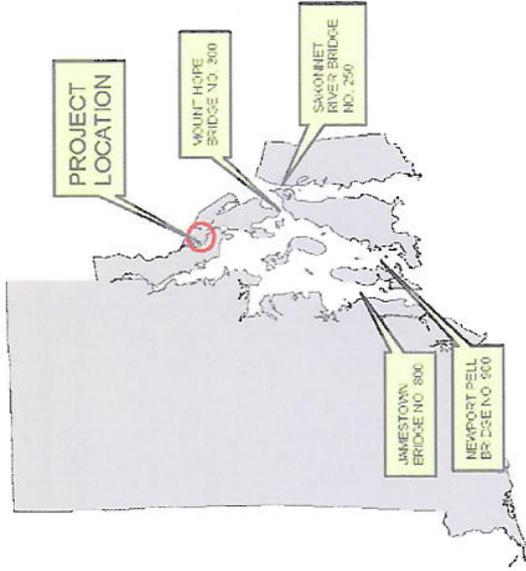
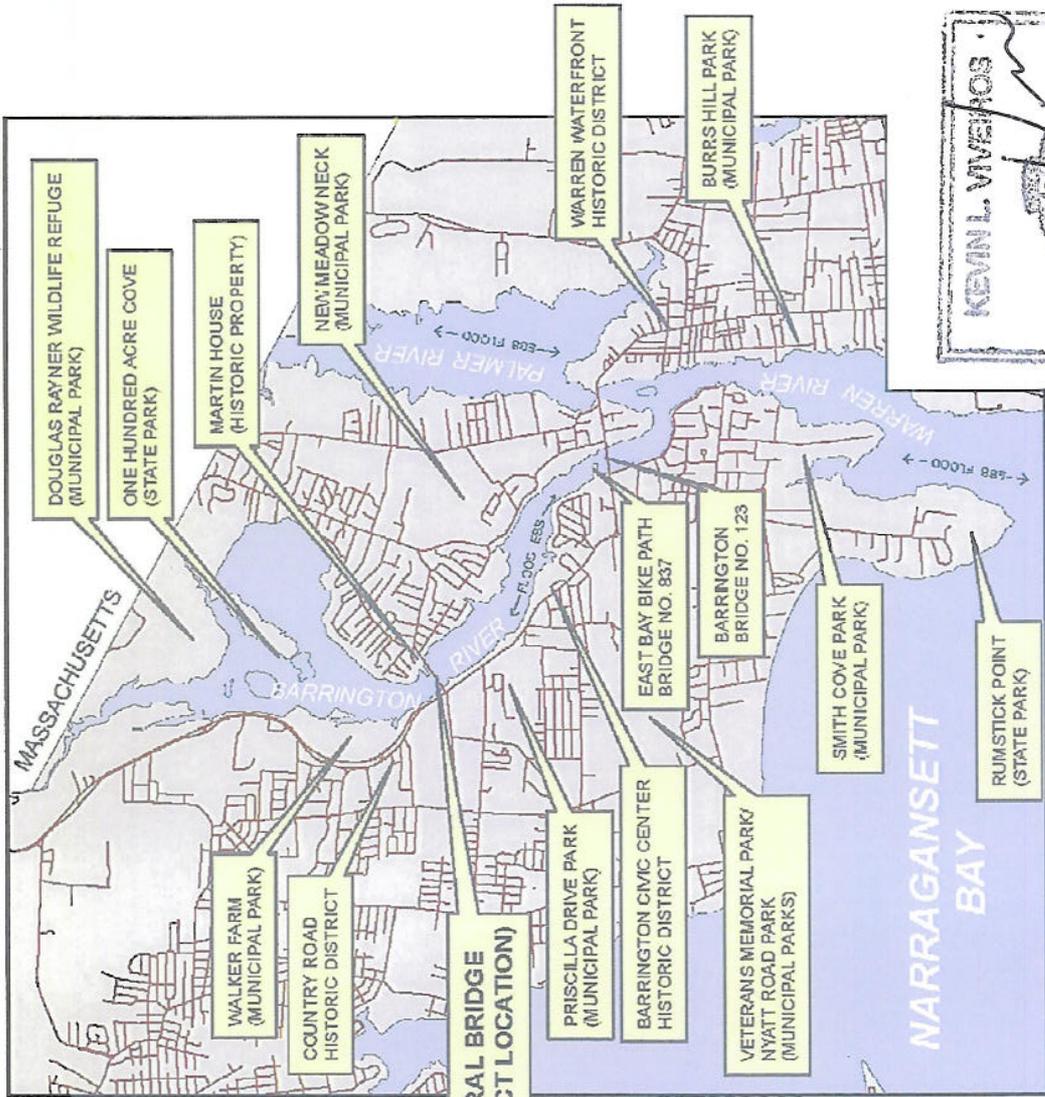
Plans of the proposed project are included in this public notice.

FOR THE DISTRICT COMMANDER:

//s//

Gary Kassof
Bridge Program Manager
First Coast Guard District
By direction of the District Commander

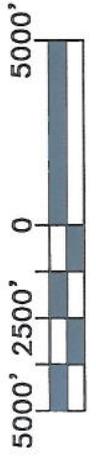
This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.

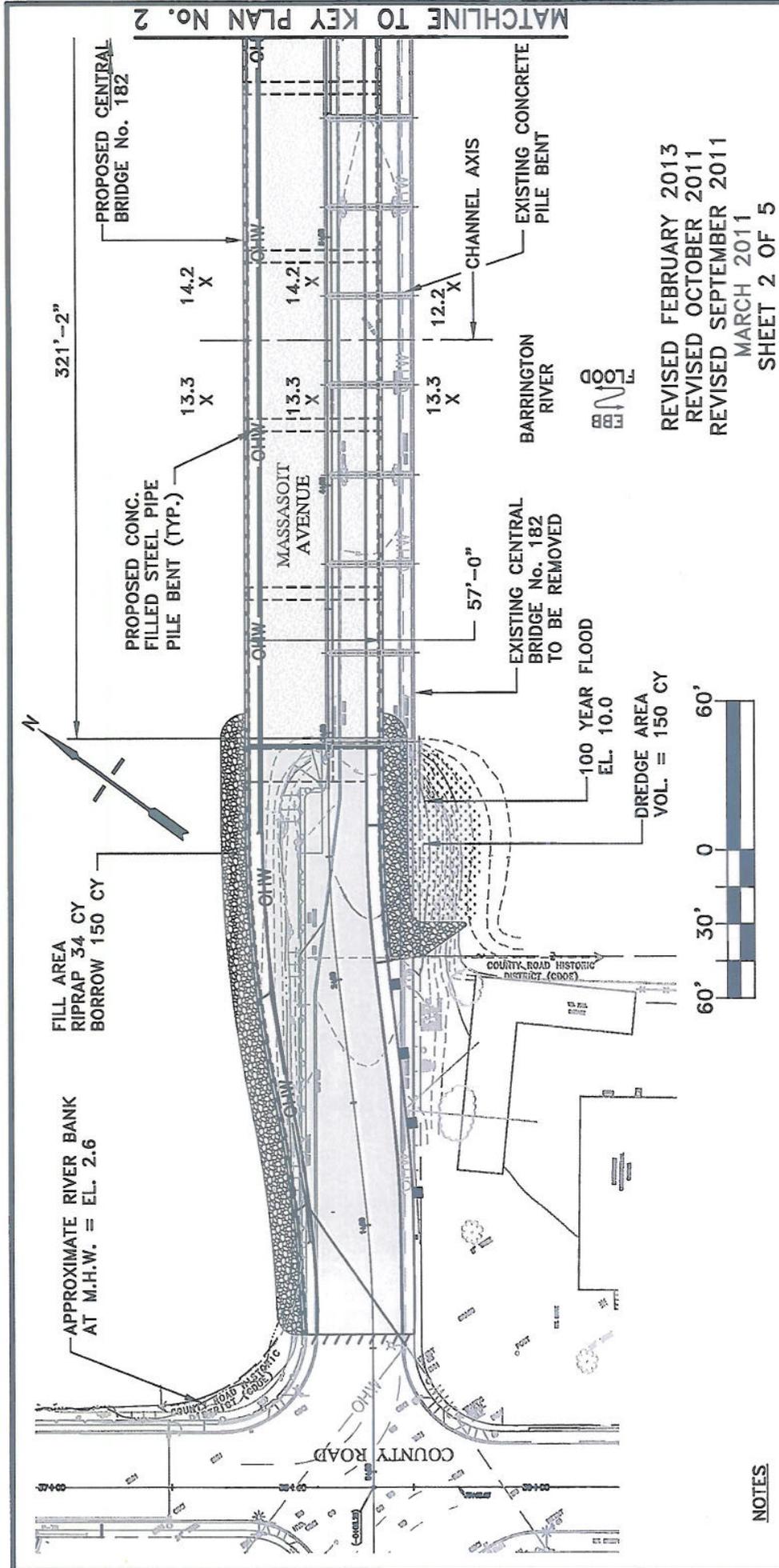


REVISED FEBRUARY 2013
 REVISED OCTOBER 2011
 REVISED SEPTEMBER 2011
 MARCH 2011
 SHEET 1 OF 5

DEPARTMENT OF TRANSPORTATION
 RHODE ISLAND
REPLACEMENT OF
CENTRAL BRIDGE No. 182
 Massasoit Avenue over Barrington River
 1.9 mi. Upriver of Warren River
 BARRINGTON BRISTOL COUNTY RHODE ISLAND

LOCATION MAP





MATCHLINE TO KEY PLAN No. 2

REVISED FEBRUARY 2013
 REVISED OCTOBER 2011
 REVISED SEPTEMBER 2011
 MARCH 2011
 SHEET 2 OF 5

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

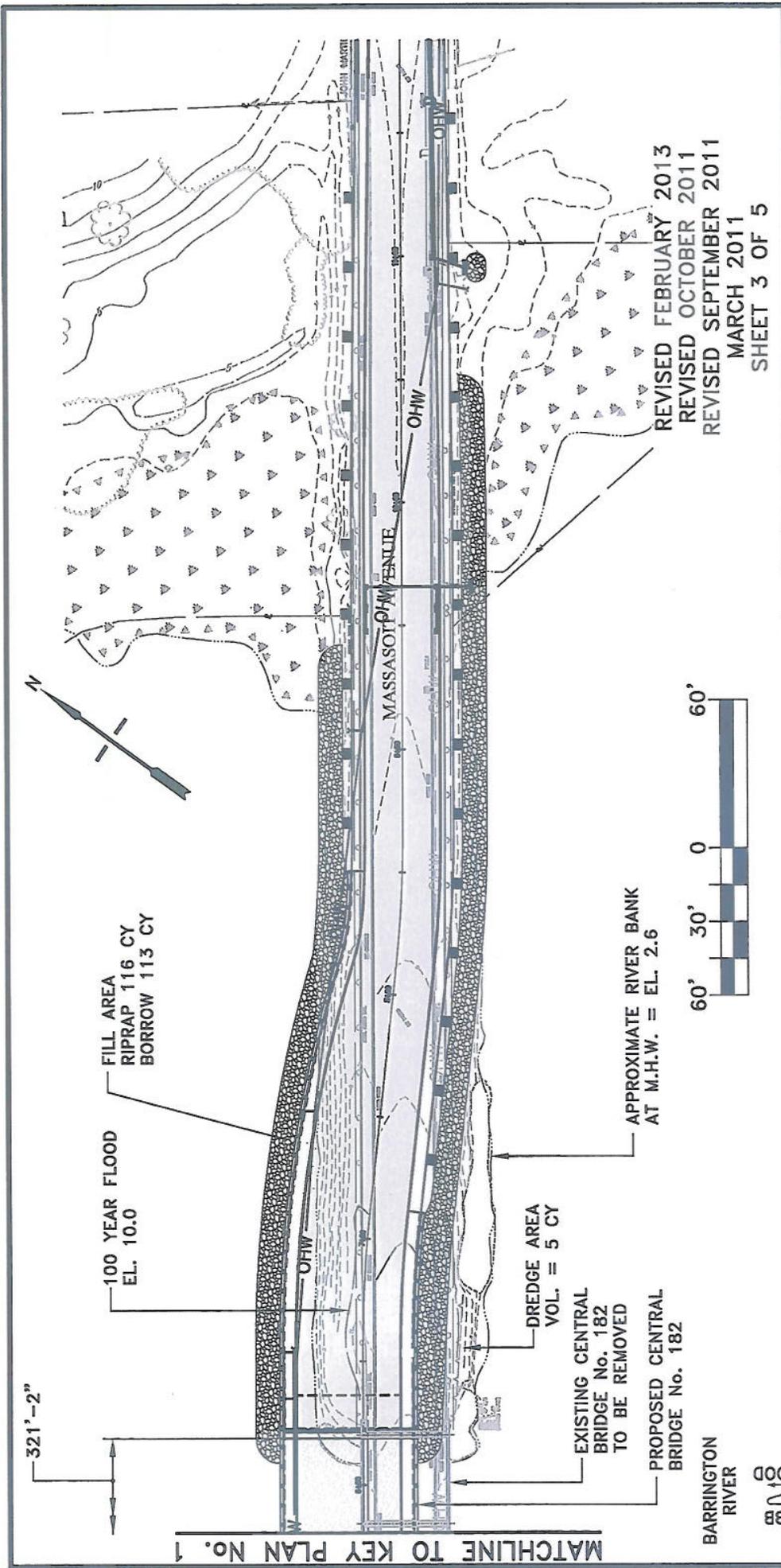
REPLACEMENT OF
CENTRAL BRIDGE No. 182
 Massasoit Avenue over Barrington River
 1.9 mi. Upriver of Warren River
 BARRINGTON BRISTOL COUNTY RHODE ISLAND

KEY PLAN No. 1



NOTES

1. ALL ELEVATIONS ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).
2. CONVERSION FROM NGVD 1929 TO NAVD 88 = -0.84'.
3. COORDINATES ARE BASED ON THE STATEWIDE COORDINATE SYSTEM, THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
4. M.H.W. = EL. 2.6±
M.L.W. = EL. -1.6±
5. DEPTH AT M.L.W. REPRESENTED BY "0.0x"



321'-2"

100 YEAR FLOOD
EL. 10.0
FILL AREA
RIPRAP 116 CY
BORROW 113 CY

OHW

MASSASOIT AVENUE

OHW

OHW

APPROXIMATE RIVER BANK
AT M.H.W. = EL. 2.6

DREDGE AREA
VOL. = 5 CY

EXISTING CENTRAL
BRIDGE No. 182
TO BE REMOVED

PROPOSED CENTRAL
BRIDGE No. 182

BARRINGTON
RIVER



MATCHLINE TO KEY PLAN No. 1

REVISED FEBRUARY 2013
REVISED OCTOBER 2011
REVISED SEPTEMBER 2011
MARCH 2011
SHEET 3 OF 5

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
REPLACEMENT OF
CENTRAL BRIDGE No. 182
Massasoit Avenue over Barrington River
 1.9 mi. Upriver of Warren River
 BARRINGTON BRISTOL COUNTY RHODE ISLAND

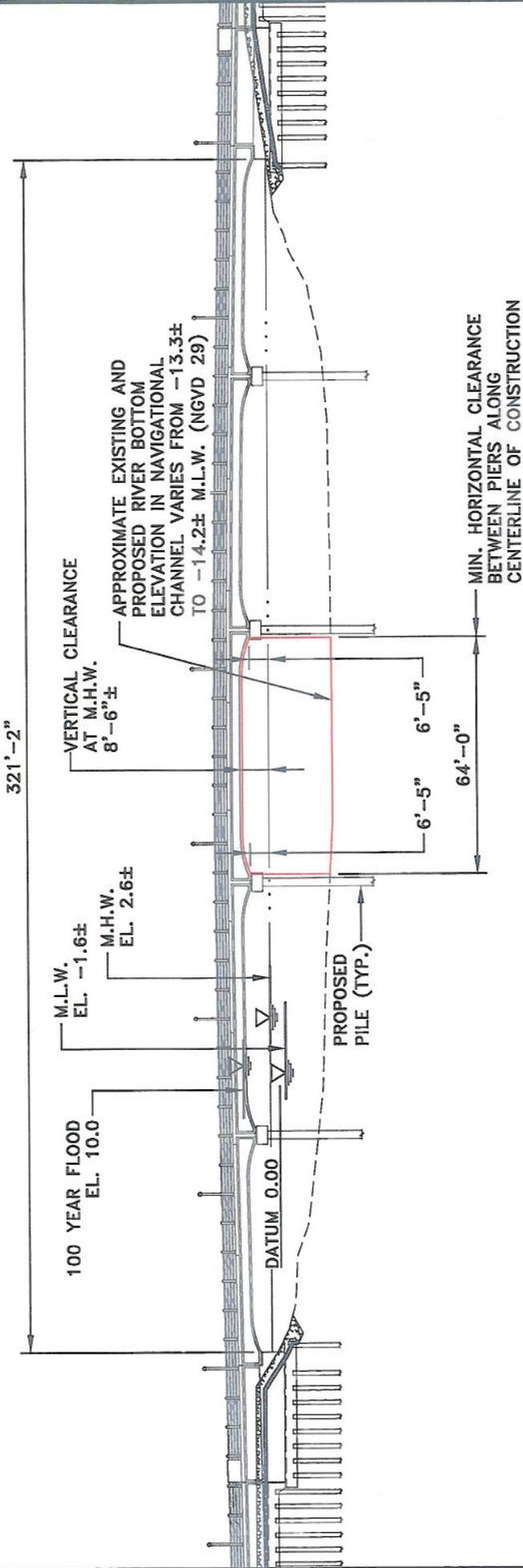
KEY PLAN No. 2



NOTES

1. ALL ELEVATIONS ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).
2. CONVERSION FROM NGVD 1929 TO NAVD 88 = -0.84'.
3. COORDINATES ARE BASED ON THE STATEWIDE COORDINATE SYSTEM, THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
4. M.H.W. = EL. 2.6±
M.L.W. = EL. -1.6±

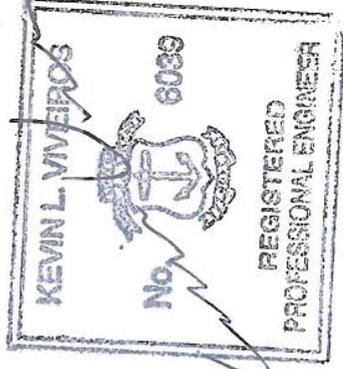
FLOOD
EBB



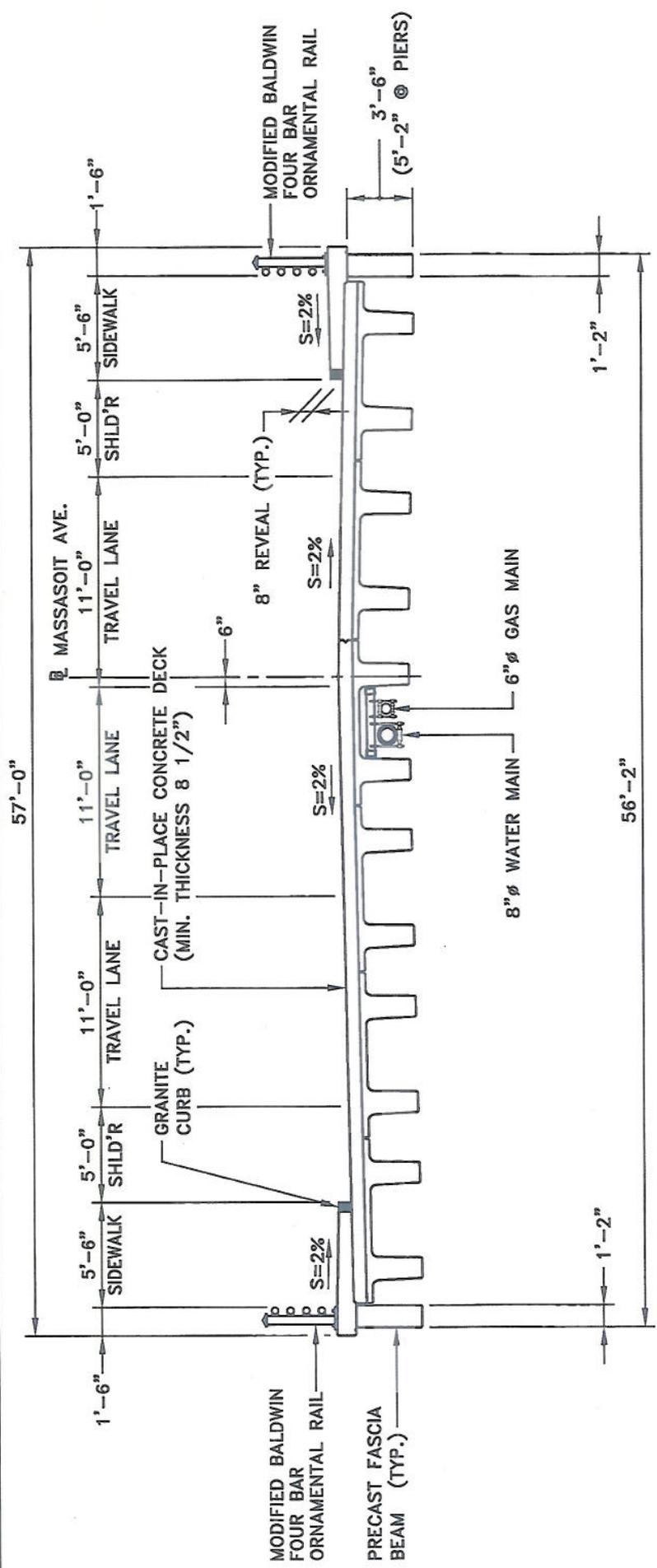
REVISED FEBRUARY 2013
 REVISED OCTOBER 2011
 REVISED SEPTEMBER 2011
 MARCH 2011
 SHEET 4 OF 5

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
 REPLACEMENT OF
CENTRAL BRIDGE No. 182
 Massasoit Avenue over Barrington River
 1.9 mi. Upriver of Warren River
 BARRINGTON BRISTOL COUNTY RHODE ISLAND

SOUTH ELEVATION



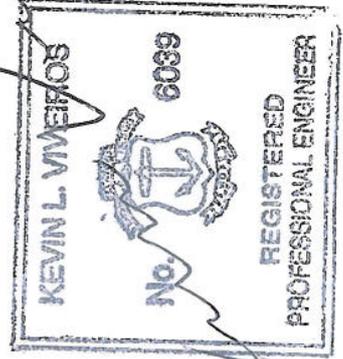
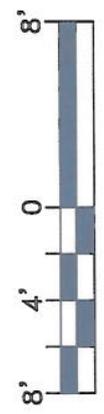
- NOTES**
1. ALL ELEVATIONS ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).
 2. CONVERSION FROM NGVD 1929 TO NAVD 88 = -0.84'.
 3. COORDINATES ARE BASED ON THE STATEWIDE COORDINATE SYSTEM, THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
 4. M.H.W. = EL. 2.6±
 M.L.W. = EL. -1.6±



REVISED FEBRUARY 2013
 REVISED OCTOBER 2011
 REVISED SEPTEMBER 2011
 MARCH 2011
 SHEET 5 OF 5

RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION
 REPLACEMENT OF
 CENTRAL BRIDGE No. 182
 Massasoit Avenue over Barrington River
 1.9 mi. Upriver of Warren River
 BARRINGTON BRISTOL COUNTY RHODE ISLAND

TYPICAL SECTION



NOTES

1. ALL ELEVATIONS ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).
2. CONVERSION FROM NGVD 1929 TO NAVD 88 = -0.84'.
3. COORDINATES ARE BASED ON THE STATEWIDE COORDINATE SYSTEM, THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
4. M.H.W. = EL. 2.6±
M.L.W. = EL. -1.6±